

BIOSKETCH

PIERRE L'ECUYER holds the Canada Research Chair in Stochastic Simulation and Optimization, in the Département d'Informatique et de Recherche Opérationnelle at the Université de Montréal. He obtained the *Steacie* Fellowship from the Natural Sciences and Engineering Research Council of Canada (NSERC) in 1995-97, twice the INFORMS Simulation Society Outstanding Research Publication Award, in 1999 and 2009, a *Killam* Research Fellowship in 2001-03, the *Urgel-Archambault* Prize from ACFAS in 2002, and was elected *INFORMS Fellow* in 2006.

He has published more than 200 scientific articles and book chapters in various areas, including random number generation, quasi-Monte Carlo methods, efficiency improvement in simulation, sensitivity analysis and optimization for discrete-event simulation models, simulation software, stochastic dynamic programming, and applications in finance, manufacturing, telecommunications, reliability, and service center management. He also developed software libraries and systems for the theoretical and empirical analysis of random number generators and quasi-Monte Carlo point sets, and for general discrete-event simulation. His work impinges on the areas of mathematics, statistics, operations research, economics, and computer science.

He is currently Editor-in-Chief for the *ACM Transactions on Modeling and Computer Simulation*, and Associate Editor for *ACM Transactions on Mathematical Software*, *Statistics and Computing*, *Management Science*, *Cryptography and Communications*, and *International Transactions in Operational Research*. He has been a referee for 110 different scientific journals over the past 25 years.

He was a professor in the Département d'Informatique at Université Laval (Québec) from 1983 to 1990 and is at the Université de Montréal since then. He has been a visiting scholar (for several months) at Stanford University (USA), INRIA–Rocquencourt (France), École des Mines (France), Waseda University (Tokyo), University of Salzburg (Austria), North Carolina State University (USA), and INRIA–Rennes (France). He is a member of the CIRRELT and GERAD research centers, in Montreal.